



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>												
Lined MSWLF		LCID		YW		Transfer		Compost	<b>X</b>	SLAS		<b>COUNTY: GASTON</b> <b>PERMIT NO.: SWC-36-13</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** 7/26/12

**Date of Last Inspection:** 6/01/11

**FACILITY NAME AND ADDRESS:**

Earth Farms, LLC – Compost Facility  
 351 Colt Thornburg Rd. (SR-1802)  
 Dallas, NC

**GPS COORDINATES:** N: 35.3626°      E: -81.1700°

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Jim Lanier  
 Stanley Environmental Solutions, Inc.  
 (704) 263-8186  
 Jim@StanleyEnviro.com

**FACILITY CONTACT ADDRESS:**

Stanley Environmental Solutions, Inc.  
 P.O. Box 184  
 Stanley, NC 28164

**PARTICIPANTS:**

Bill Wagner, Environmental Senior Specialist – Solid Waste Section  
 Tony Gallagher, Compost & Land Application Branch Head – Solid Waste Section  
 Tommy Morrison, Stanley Environmental Solutions, Inc.  
 Alton Dodson, Stanley Environmental Solutions, Inc.

**STATUS OF PERMIT:**

Current: Issued 8/12/10      Expires: 8/12/15

**PURPOSE OF SITE VISIT:**

Comprehensive Audit

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

**OBSERVED VIOLATIONS**

None.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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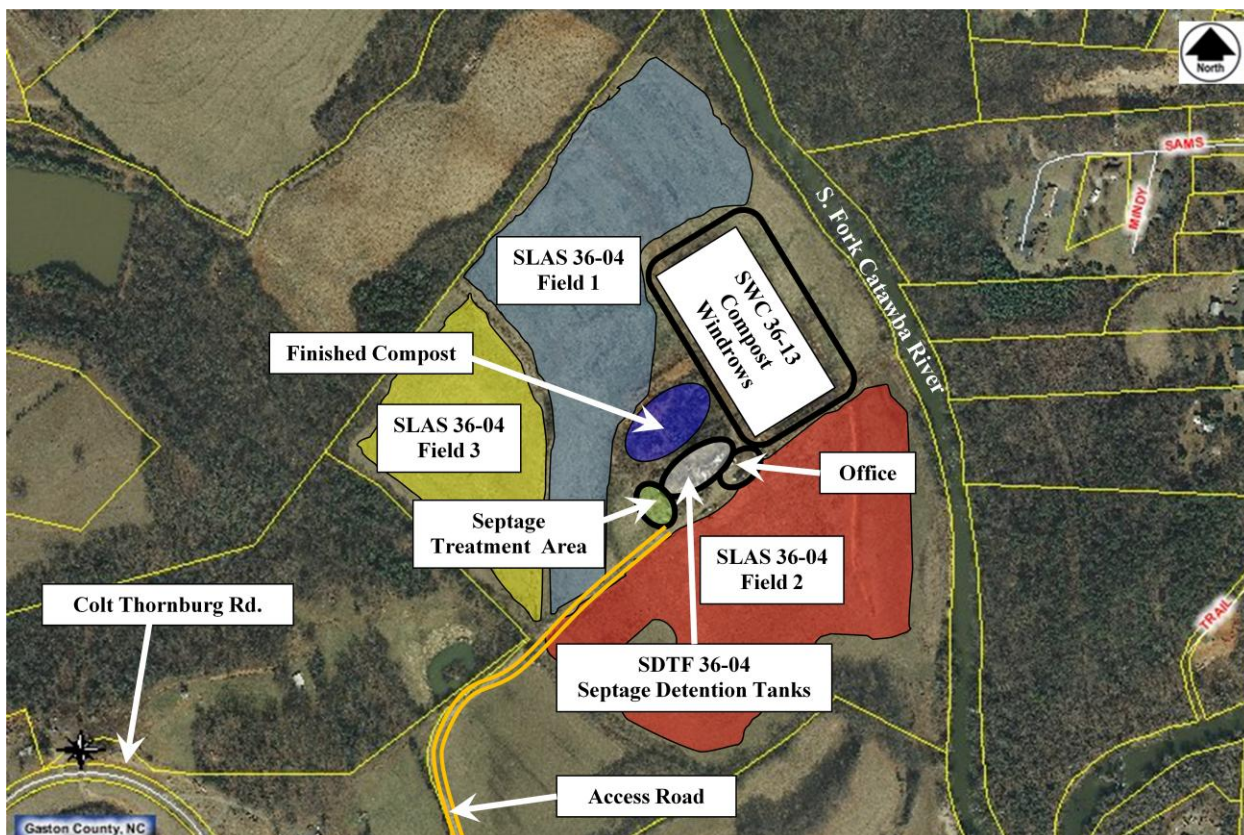


Figure 1: Site Map - Septage Land Application 36-04, Septage Detention & Treatment 36-04; and Compost 36-13



1. Entrance to the facility.



2. Compost records

**COMMENTS**

1. Facility is permitted as a Large Type 3 Compost Facility
2. Tommy Morrison and Alton Dodson were on site to provide access to the septage detention tanks.
3. Access to the facility is secured with a lockable gate. (Photo #1)
4. The access road to the facility was well maintained.
5. Proper signage was displayed at the entrance to the site. (Photo #1)
6. Approved setbacks are being maintained. (i.e. distances from wells, homes, etc.)
7. Records of compost temperatures were reviewed. Other records maintained by facility staff include the dates when a windrow is started, when the windrows are turned, when feed-stocks are added, etc. (Photo #2)
8. Windrow temperate data was being collected during the inspection. (Photo #3)
9. Windrows were being turned during the inspection. (Photo #4)



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3. Windrow temperature data being collected.



4. Windrows being turned.

- 10. There were no objectionable odors detected during the inspection. The facility has installed a deodorizing system to minimize odors at the facility boundary. This system runs the length of the SE and NE perimeter of the windrow composting area. (Figure 1 and Photos #5 and #6)
- 11. Windrows were sufficiently spaced to allow access for firefighting equipment. (Photo #4 )
- 12. Signs are used to identify each windrow by letter. (Photo #7)



5. Looking SE down the run of the deodorizing system's PVC piping. (Area of composting windrows is to the right.)



6. Close-up of deodorizing system's PVC piping. Blue pen (5 ½ inches) for scale. (Note the small hole for the pressure venting of deodorizing agent.)

- 13. In addition to compost, the facility offers finished compost mixed with the soil amendment Perlite (a naturally occurring mineral with a high permeability) for sale.
- 14. Due to recent heavy rains, standing water was observed between the windrows in the SW quadrant of the composting area. (Photos #7) Please take all necessary steps to ensure that ponding of water does not occur.
- 15. Finished compost is screened on site to ensure consistency. (Photo #8)

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7. Standing water between windrows of compost.  
(Note the windrow ID letter "J".)



8. Screening of finished compost.

Please contact me if you have any questions or concerns regarding this inspection report.



Bill Wagner  
Environmental Senior Specialist  
***Regional Representative***

Phone: (828) 296-4705

Sent on: 8/24/12		Email		Hand delivery		US Mail		Certified No. <u>  </u>
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ec: Tony Gallagher, Compost & Land Application Branch Head  
Jason Watkins, Western District Supervisor – Solid Waste Section  
Jessica Montie, Compliance Officer – Solid Waste Section  
Becky Whetstone, Compost & Land Application Branch